

FIG. 1 is a block diagram of a miter saw system 10. The system 10 includes a reaction subsystem 24, a safety system 22, a control subsystem 26, a motor assembly 16, a cutting tool 14, and a power source 20. The reaction subsystem 24 includes a biasing mechanism 30, a brake mechanism 28, a restraining mechanism 32, and a release mechanism 34. The safety system 22 and control subsystem 26 are connected to the reaction subsystem 24. The motor assembly 16 and cutting tool 14 are connected to the reaction subsystem 24. The power source 20 is connected to the motor assembly 16. The system 10 is labeled as a miter saw.

Fig. 1

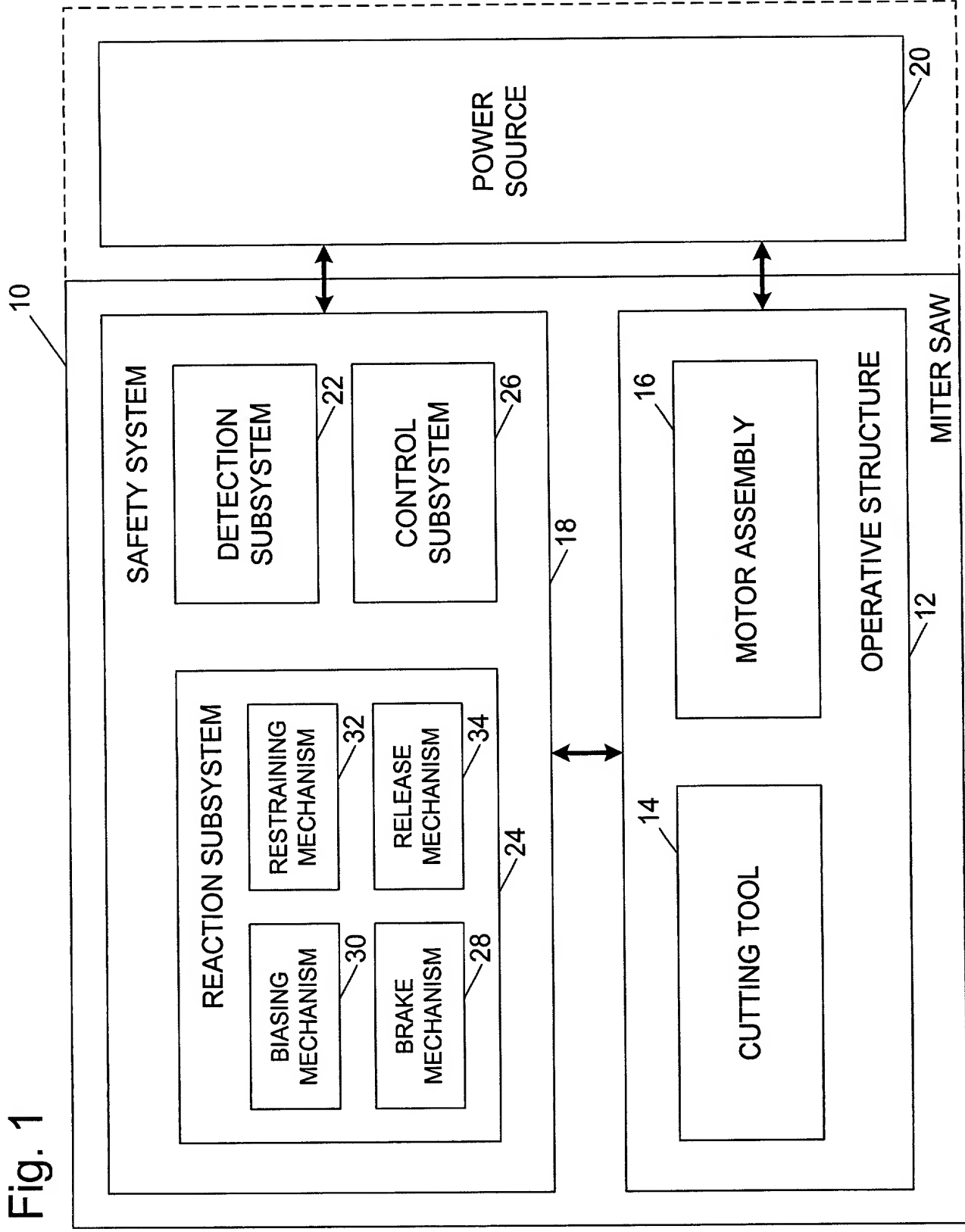






Fig. 4

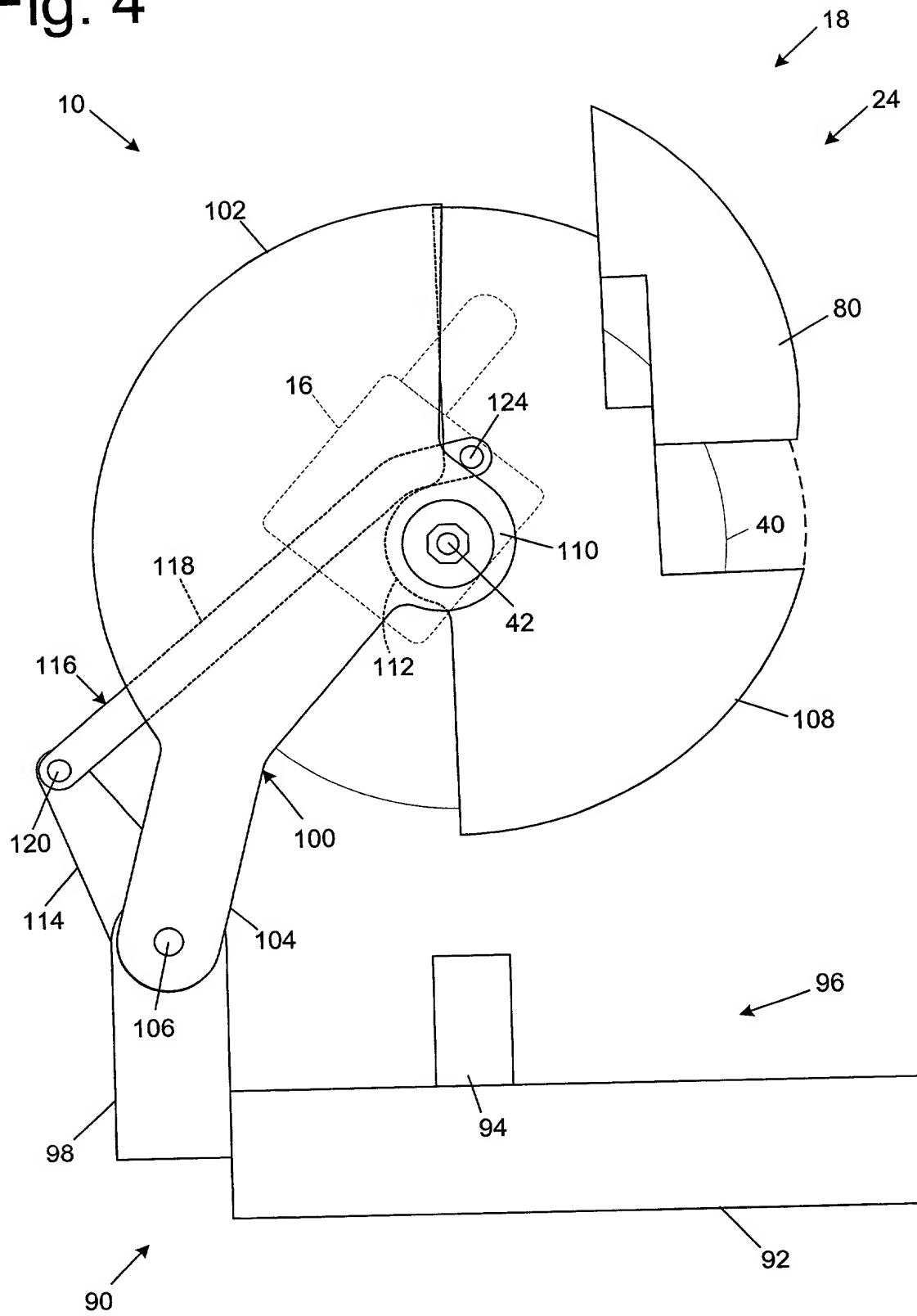
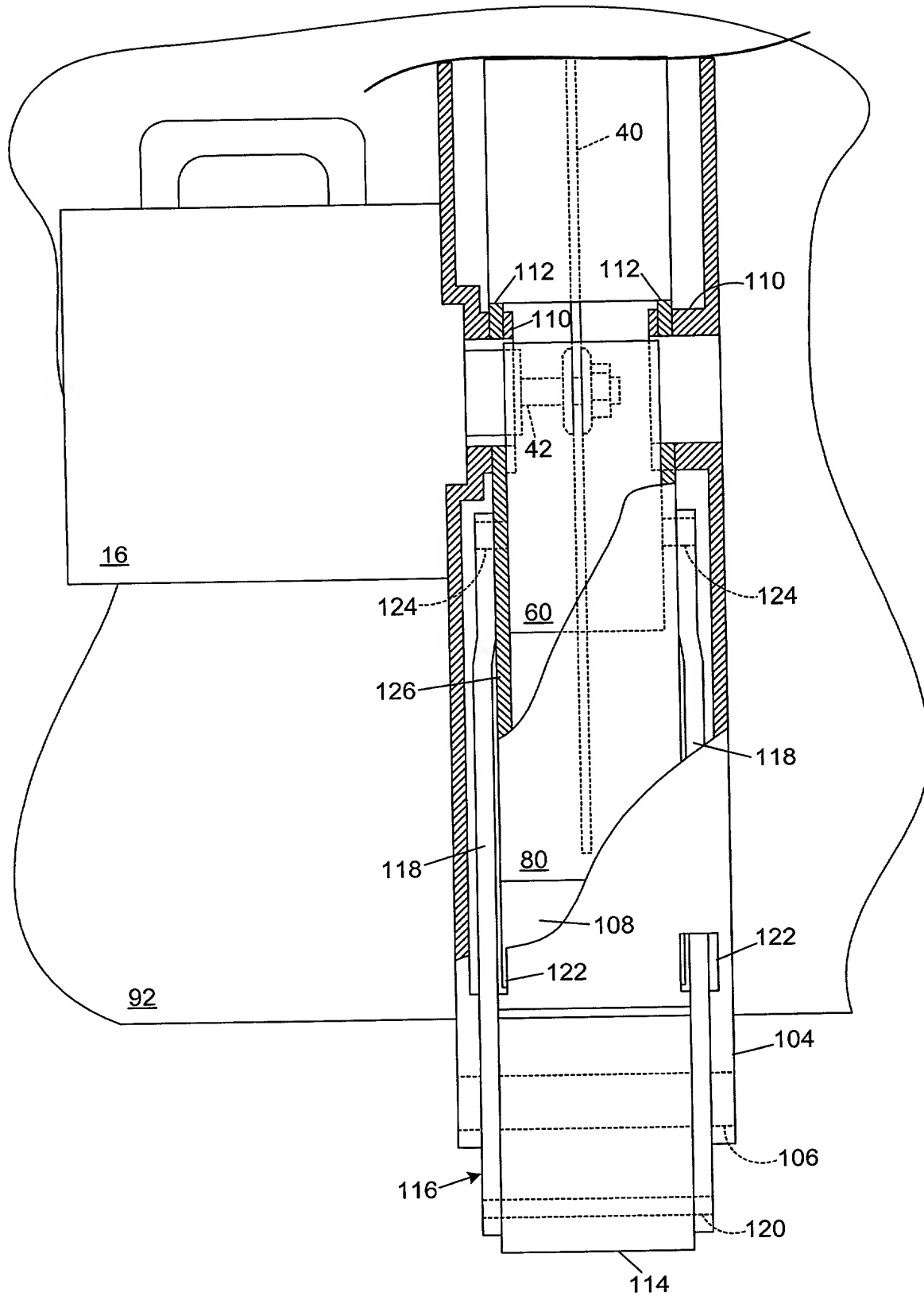
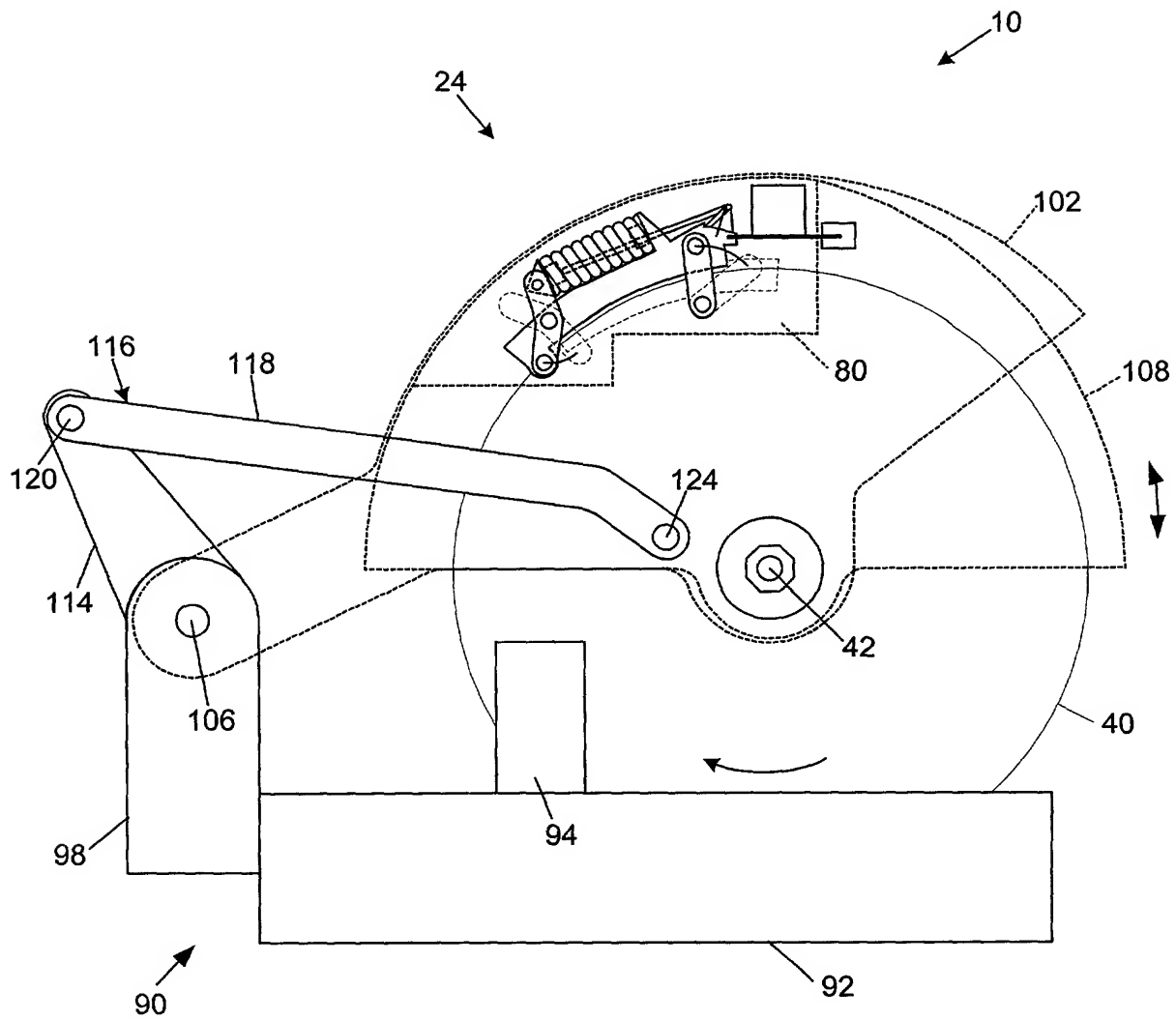


Fig. 5

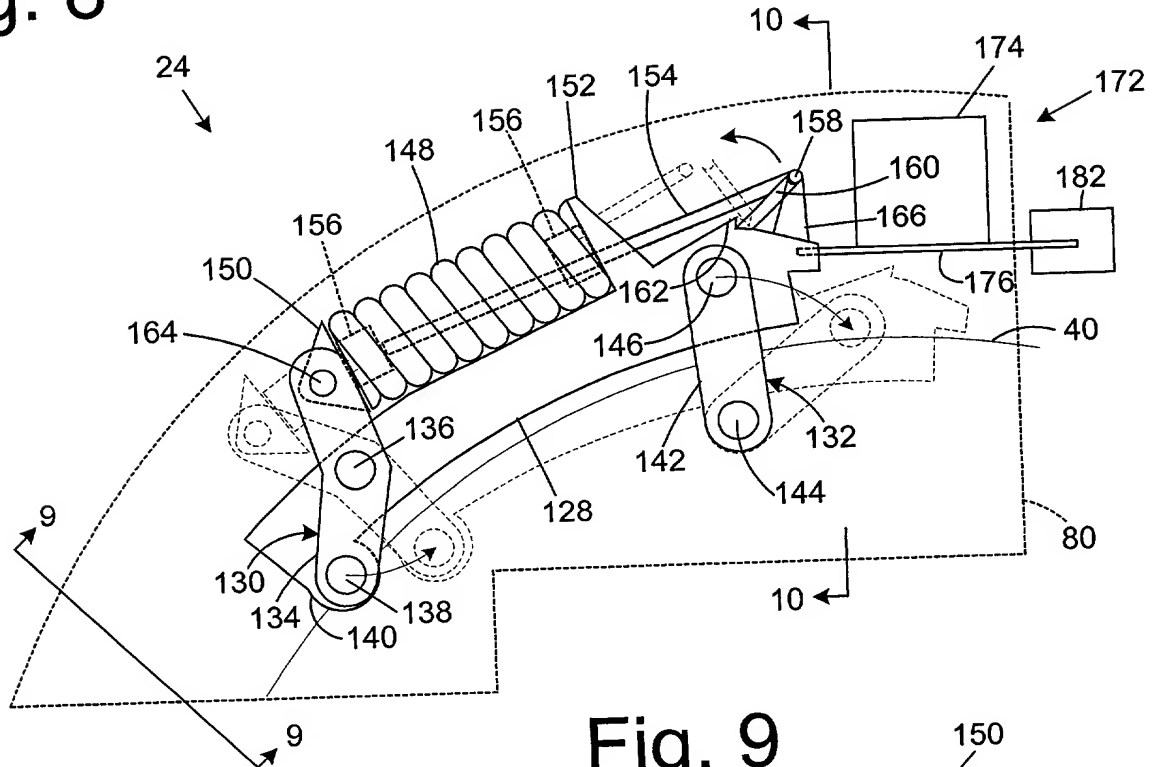


Ref.	Year	Country	Sample Size	Study Design	Outcome
1	1998	USA	1000	Case-control	OR 1.5
2	2000	USA	2000	Cohort	HR 1.2
3	2002	USA	1500	Case-control	OR 1.8
4	2003	USA	3000	Cohort	HR 1.1
5	2004	USA	1200	Case-control	OR 1.6
6	2005	USA	2500	Cohort	HR 1.3
7	2006	USA	1800	Case-control	OR 1.7
8	2007	USA	3500	Cohort	HR 1.4
9	2008	USA	1100	Case-control	OR 1.5
10	2009	USA	2200	Cohort	HR 1.2
11	2010	USA	1600	Case-control	OR 1.6
12	2011	USA	2800	Cohort	HR 1.3
13	2012	USA	1400	Case-control	OR 1.7
14	2013	USA	3200	Cohort	HR 1.4
15	2014	USA	1900	Case-control	OR 1.5
16	2015	USA	2600	Cohort	HR 1.3
17	2016	USA	1700	Case-control	OR 1.6
18	2017	USA	3100	Cohort	HR 1.4
19	2018	USA	1300	Case-control	OR 1.5
20	2019	USA	2900	Cohort	HR 1.3

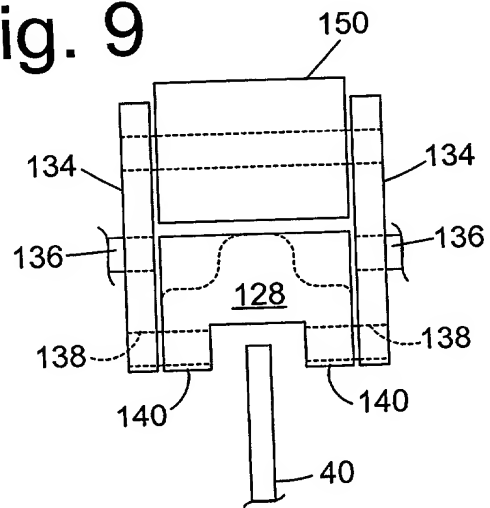




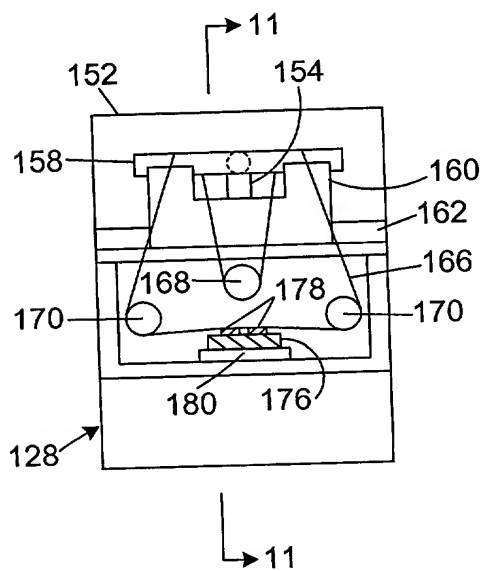
# Fig. 8



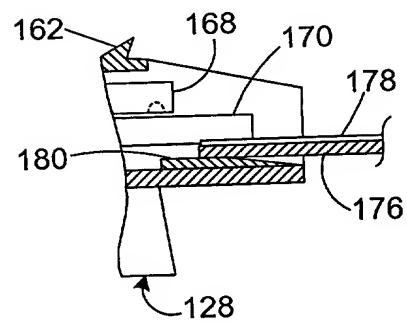
# Fig. 9



# Fig. 10



# Fig. 11





[illegible]